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COMMAND QUEUE PROCESSOR

Abstract of the Disclosure

Optimal command nodes are selected in a computing device having multiple command node queues by a method which identifies a command node in a first queue and determines if the identified command node collides with a command node in a second queue. If a collision between the identified command node and a command node in the second queue is determined, the collision is corrected and the identified command node then may be moved into the second queue. The second queue is then sorted according to a predetermined routine to select the optimal command node.

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$. It is shown that the solutions of the system (1) tend to zero as $t \rightarrow \infty$ if and only if the matrix A is stable.